

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10. (Canceled)

11. (Currently Amended) In a computer network having at least one server including a full set of configuration programs software and a full set of configuration information, having a full set of option rules, relating to a set of products, connectable to at least one client, a method for creating technical configurations and electronically delivering order reports to at least one client, the method comprising:

receiving on-line from a user on the client a selection of a desired product selected from the set of products, wherein the selection represents initial product configuration data of the desired product by a user on the client;

downloading to the client from the server only limited configuration information that is a subset of the full set of configuration information and limited configuration programs that are a subset of the full configuration programs, the limited configuration information including option attributes of the desired product and limited option rules that define relationships therebetween, wherein the limited configuration information and limited configuration programs are determined at the server based on the initial product configuration data of the desired product, and wherein the limited configuration information and the limited configuration programs are downloaded to the client responsive to the user selection;

requesting on-line a desired technical configuration of the desired product from the user on the client, wherein selections for the option attributes of the desired product are elicited from the user; , wherein

preliminarily checking the viability of the desired technical configuration of the desired product has been preliminarily checked at the client using the limited configuration information and , wherein the limited configuration programs verify

conformity of the user selections for the option attributes with the limited option rules;  
receiving at the server the desired technical configuration from the client subsequent to preliminarily checking the viability of the desired technical configuration; and  
performing a full check at the server on the viability of the desired technical configuration, using the full set of configuration information and wherein the full set of configuration programs verify conformity of the user selections for the option attributes with the full set of option rules; and  
preparing and transmitting to the client outputting an electronic order report, if the full check at the server is successful; and  
downloading to the client from the server additional option rules that are a subset of the full set of option rules and receiving from the client at the server a second desired technical configuration developed on the client and verified on the client for conformity with the additional option rules, if the full check at the server is not successful.

12. (Original) The method of claim 11 further comprising using a TCP/IP connection to pass an HTTP request from the client to the server.
13. (Original) The method of claim 11 wherein the limited configuration information comprises limited option attributes and limited option rules.
14. (Original) The method of claim 11 wherein the limited configuration programs comprise an HTML page and client-side programs.
15. (Original) The method of claim 14 wherein the client-side programs comprise a plug-in or helper-application.
16. (Original) The method of claim 14 wherein the client-side programs include one or more programs selected from Java, JavaScript, ActiveX, and Helper-Viewer.

17. (Original) The method of claim 14 wherein the client-side programs are cached on the client.
18. (Original) The method of claim 17 wherein the client-side programs are cached in client-side memory.
19. (Original) The method of claim 17 wherein the client-side programs are cached on client-side disk storage.
20. (Original) The method of claim 11 wherein the act of performing a full check comprises executing a CGI script on the server.
21. (Currently Amended) The method of claim 11 further comprising:  
~~in response to the act of performing a full check on the viability of the desired technical configuration on the server, allocating and~~  
downloading to the client additional limited configuration information, wherein the additional limited configuration information is a subset of the full set of configuration information and includes the additional option rules; and  
wherein receiving from the client a the second desired technical configuration developed from client processing of is verified on the client for conformity with the additional limited configuration information, if the full check at the server is not successful.
22. (Currently Amended) The method of claim 11 wherein the act of requesting a desired technical configuration interactively eliciting and electronically receiving further comprises enabling the user to specify whether an exact match or a loose match is desired between the desired technical configuration and a viable configuration.
23. (Currently Amended) The method of claim 11 wherein the act of requesting a desired technical configuration interactively eliciting and electronically receiving on the client further comprises using templates of pre-configured information.

24-40. (Canceled)

41. (Currently Amended) The method of claim 11 wherein requesting a desired technical configuration the eliciting step includes requesting at least one of the group consisting of: a vehicle make, a vehicle model, and a vehicle series.

42. (Previously Presented) The method of claim 41 wherein the desired technical configuration is a vehicle configuration.

43. (Currently Amended) A method for generating an order for a vehicle on a network-based computer system including a server and a client, the server including a full configuration engine including software, a full set of option attributes, and a full set of option rules relating to each of a plurality of vehicles, the method comprising:

receiving on-line from a user on the client an identification of a desired vehicle, wherein the identification represents initial desired vehicle configuration data from the client;

transmitting only a limited configuration engine to the client in response to the identification, the limited configuration engine corresponding to the desired vehicle and including a limited set of option attributes of the desired vehicle and a limited set of option rules that define relationships therebetween, wherein the limited set of option attributes is a subset of the full set of option attributes and the limited set of option rules is a subset of the full set of option rules, and wherein the limited configuration engine is determined at the server based on the initial desired vehicle configuration data;

requesting a vehicle configuration of the desired vehicle from the user, wherein selections for the limited set of option attributes of the desired vehicle are elicited from the user;

preliminarily checking the viability of the vehicle configuration of the desired vehicle at the client, wherein the client verifies the conformity of the user selections for the limited set of option attributes with the limited set of option rules;

receiving on-line at the server the [[a]] vehicle configuration from the client subsequent to preliminarily checking the viability of the vehicle configuration, wherein the client has performed a successful preliminary viability check of the vehicle configuration, using the limited set of option rules;  
performing a full viability check of the vehicle configuration at the server, wherein the software of the full configuration engine verifies conformity of the user selections for the limited set of option attributes with using the full set of option rules; and  
sending an order report from the server to the client summarizing the vehicle configuration to the client, if the full viability check at the server is successful; and  
downloading to the client from the server additional option rules that are a subset of the full set of option rules and receiving from the client at the server a second vehicle configuration developed on the client and verified on the client for conformity with the additional option rules, if the full viability check at the server is not successful.

44. (Previously Presented) The method of claim 43 wherein the limited engine includes limited software and a limited set of option attributes.

45. (Previously Presented) The method of claim 43 further including, after performing the full viability check, communicating at least one problem with the vehicle configuration to the client.

46. (Previously Presented) The method of claim 45 wherein the at least one problem is displayed on the client in an HTML web page.

47. (Currently Amended) The method of claim 43 wherein, if the full viability check is unsuccessful, the server transmits an updated limited configuration engine to the client, the updated limited configuration engine including updated software and updated the additional option rules.

48. (Previously Presented) The method of claim 43 further comprising transmitting an updated limited configuration engine to the client, where the vehicle configuration failed to pass the final viability check.

49. (Currently Amended) The method of claim 48 ~~further comprising receiving a second vehicle configuration~~, wherein the client has performed a second viability check of the second vehicle configuration, using the updated limited configuration engine.

50. (Previously Presented) The method of claim 43 wherein the receiving an identification of the desired vehicle comprises:

receiving on-line a vehicle make from the client;  
sending on-line a set of vehicle models to the client, the vehicle models corresponding to the vehicle make; and  
receiving on-line a vehicle model from the client, the vehicle model chosen from the set of vehicle models.

51. (Previously Presented) The method of claim 43 wherein the limited configuration engine includes an HTML web page and client-side programs.

52. (Previously Presented) The method of claim 51 wherein the client-side programs include a plug-in or helper-application.

53. (Previously Presented) The method of claim 51 wherein the client-side programs include one or more programs selected from the group consisting of: Java, JavaScript, ActiveX, and Helper-Viewer.

54. (New) A method for generating an order for a vehicle on a network-based computer system including a server in communication with a client, the server including a full configuration engine including software, a full set of option attributes, and a full set of option rules relating to each of a plurality of vehicles, the method comprising:

receiving at the server an identification of a desired vehicle, wherein the identification represents initial desired vehicle configuration data;

transmitting only a limited configuration engine from the server in response to the identification, the limited configuration engine corresponding to the desired vehicle and including a limited set of option attributes of the desired vehicle and a limited set of option rules that define relationships therebetween, wherein the limited set of option attributes is a subset of the full set of option attributes and the limited set of option rules is a subset of the full set of option rules, and wherein the limited configuration engine is determined at the server based on the initial desired vehicle configuration data;

receiving at the server a vehicle configuration of the desired vehicle, including selections for the limited set of option attributes, wherein the vehicle configuration received at the server has been preliminarily checked for viability to verify the conformity of the limited set of option attributes with the limited set of option rules;

performing a full viability check of the vehicle configuration at the server, wherein the software of the full configuration engine verifies conformity of the limited set of option attributes with the full set of option rules;

sending an order report from the server summarizing the vehicle configuration, if the full viability check at the server is successful; and

transmitting from the server additional option rules that are a subset of the full set of option rules and receiving at the server a second vehicle configuration that has been verified for conformity with the additional option rules, if the full viability check at the server is not successful.